

Title (en)

SUSPENSION FOR A MOTOCYCLE WHEEL

Publication

EP 0394438 A4 19901227 (FR)

Application

EP 88907449 A 19880414

Priority

SU 8800080 W 19880414

Abstract (en)

[origin: WO8909719A1] A suspension for a motorcycle wheel comprises an elastic element (1) C-shaped in the bending plane and hingedly connected by its end to the pendulum lever (5) carrying the wheel and to the frame of the motorcycle. The elastic element (1) in the suspension makes it possible to improve the performance characteristics of the motorcycle due to the increased elasticity of the extreme parts of the elastic element (1) which operate as a leaf spring in the directions of least resistance, whereas in its middle part the elastic element (1) operates in the direction of greatest resistance.

IPC 1-7

B62K 25/06

IPC 8 full level

B62K 25/16 (2006.01); **B60G 11/02** (2006.01); **B60G 15/06** (2006.01); **B62K 25/04** (2006.01); **B62K 25/20** (2006.01); **B62K 25/28** (2006.01)

CPC (source: EP US)

B60G 11/02 (2013.01 - EP US); **B60G 15/066** (2013.01 - EP US); **B62K 25/04** (2013.01 - EP US); **B62K 25/283** (2013.01 - EP US);
B60G 2202/116 (2013.01 - EP US); **B60G 2202/30** (2013.01 - EP US); **B62K 2201/06** (2013.01 - EP US)

Citation (search report)

- [Y] FR 549075 A 19230201
- [A] GB 2100835 A 19830106 - BUDD CO [US]
- [A] EP 0249539 A1 19871216 - AEROSPATIALE [FR]
- [A] GB 223502 A 19241023 - PAUL JOHANNES HELMIG
- [A] SU 198935 A
- [A] US 1564299 A 19251208 - WELSH ELMER E
- [Y] COMPOSITES. vol. 25, no. 2, mars 1985, PARIS FR pages 31 - 38; L.De Goncourt: "Une Suspension Automobile en Composite"
- [A] AUTOMOTIVE ENGINEERING. vol. 89, no. 5, mai 1981, DALLAS,TEXAS,US pages 31 - 36; "FRP halves spring weight,improves ride"
- See references of WO 8909719A1

Cited by

EP0768196A1; FR2739808A1; FR3037865A1; US10981620B2; WO2016207570A3; WO2022241490A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0394438 A1 19901031; EP 0394438 A4 19901227; JP H02503783 A 19901108; US 4972920 A 19901127; WO 8909719 A1 19891019

DOCDB simple family (application)

EP 88907449 A 19880414; JP 50645688 A 19880414; SU 8800080 W 19880414; US 44986489 A 19891221